

MODEL #	X	Y	Z *
B010	14-1/2	22	19
B011	18-1/2	27-1/4	21
B012	21-1/2	30-1/4	21
B013	23-1/2	33-3/4	24-3/4
B014	25-1/2	36-7/8	28
B015	28-1/2	43-3/8	33
B016	30-3/8	45-3/8	33
B017	33-1/2	52-3/4	40

MODEL	A	B	C	D	UNIT DIMENSIONS				H	J	K	L	M	N	P	R	S	T	U	V	V-BANK FILTER FILTER SIZE & QTY
					E	F	G	I													
D250-G10	138-7/8	27-3/8	29-3/4	26-1/16	3-3/4	22-3/8	7-13/16	34-19/16	21	71	106	13-1/4	11-1/2	3-7/8	40-9/16	4-1/2	38-1/2	13	48-1/4	20"x20"x2" (3)	
D1500-G10	138-7/8	27-3/8	29-3/4	26-1/16	3-3/4	22-3/8	7-13/16	34-19/16	21	71	106	13-1/4	11-1/2	3-7/8	40-9/16	4-1/2	38-1/2	13	48-1/4	20"x20"x2" (3)	
D250-G15	146-7/8	37-3/8	36-3/4	33-1/16	3-3/4	30-5/16	7-13/16	42-19/16	31	79	124	18-3/4	16	6-1/8	55-13/16	4-1/2	38-1/2	18	48-1/4	16"x20"x2" (8)	
D1500-G15	146-7/8	37-3/8	36-3/4	33-1/16	3-3/4	30-5/16	7-13/16	42-19/16	31	79	124	18-3/4	16	6-1/8	55-13/16	4-1/2	38-1/2	18	48-1/4	16"x20"x2" (8)	
D250-G18	146-7/8	37-3/8	36-3/4	33-1/16	3-3/4	30-5/16	7-13/16	42-19/16	31	79	124	18-3/4	16	6-1/8	55-13/16	4-1/2	38-1/2	18	48-1/4	16"x20"x2" (8)	
D1500-G18	146-7/8	37-3/8	36-3/4	33-1/16	3-3/4	30-5/16	7-13/16	42-19/16	31	79	124	18-3/4	16	6-1/8	55-13/16	4-1/2	38-1/2	18	48-1/4	16"x20"x2" (8)	
D250-G24	163-7/8	41-3/8	43-3/8	38-1/16	5-1/4	34-3/16	9-1/2	47-19/16	35	84	133	22	19	6-1/2	59-5/16	4-1/2	44	20	57-1/4	20"x20"x2" (8)	
D1500-G24	163-7/8	41-3/8	43-3/8	38-1/16	5-1/4	34-3/16	9-1/2	47-19/16	35	84	133	22	19	6-1/2	59-5/16	4-1/2	44	20	57-1/4	20"x20"x2" (8)	
D1500-G20	189-1/4	48-7/16	51-3/8	46-1/8	5-1/4	47-1/4	13-9/16	66-5/16	42	115-3/16	171-3/16	24-7/8	24-7/8	8-9/16	66-5/8	4-1/2	41-1/8	23-1/2	52-7/8	16"x20"x2" (5)	

MODEL	BURNER	BTU RANGE (QBH)	GAS PRESSURE		GAS CONNECTION	STANDARD EVAPORATIVE COOLING UNIT		CEILING EVAPORATIVE COOLING UNIT	
			MIN	MAX		QTY	MAX CFM	QTY	MAX CFM
D250-G10	12"	18	7" WC	14" WC	3/4"	6	406 FPM	12	1060 FPM
D1500-G10	12"	18	7" WC	14" WC	3/4"	6	406 FPM	12	1060 FPM
D250-G15	6"	18	7" WC	14" WC	1"	10	429 FPM	20	1080 FPM
D1500-G15	6"	18	7" WC	14" WC	1"	10	429 FPM	20	1080 FPM
D250-G18	12"	18	7" WC	14" WC	1"	14	429 FPM	28	1067 FPM
D1500-G18	12"	18	7" WC	14" WC	1"	14	429 FPM	28	1067 FPM
D1000-G18	24"	36.6	7" WC	14" WC	1-1/4"	14	348 FPM	28	1067 FPM
D1500-G20	24"	36.6	7" WC	14" WC	1-1/4"	24	348 FPM	35	1015 FPM
D1500-G20	30"	45.8	7" WC	13/15	1-1/4"	24	572 FPM	35	1015 FPM

MAX. ROOF OPENING 2' SMALLER THAN CURB OUTSIDE DIMENSION  
 \*\*MAX. EVAP WATER PRESSURE = 50 PSI @ 70 DEG. F

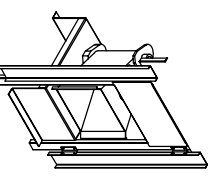
**Direct Fired Profile Plate Specifications:**

Description: Direct fired burners shall have patented air intake No. USC695832B2, self-adjusting profile plate design for easier pre-ignition and flame stabilization. Burner assembly shall be mounted on profile plates shall allow burners to achieve clean combustion by limiting by-product levels to a maximum of 5ppm of carbon monoxide (CO), and 50ppm of nitrogen dioxide (NO2).

Application: Spring-loaded burner profile plates are engineered to automatically react to the momentum of a fresh air stream, without the need for any motors or actuators to mechanically adjust them. With this feature, all DF units are designed for demand control ventilation (DCV) requirements.

General Construction: All profile plate assemblies shall be included in the DF units' ETL listing and comply with combined listings for NSF International and CSA 517 (encompassing DF heaters) and ANSI Z89.18 (encompassing DF heaters).

General Construction: Profile plates shall vary in size per unit. Profile plates shall be mounted along the same plate as the discharge of the burner. Design shall incorporate properly torqued, permanently mounted spring hinges.



Direct Fired (DF) Profile Plate Assembly